

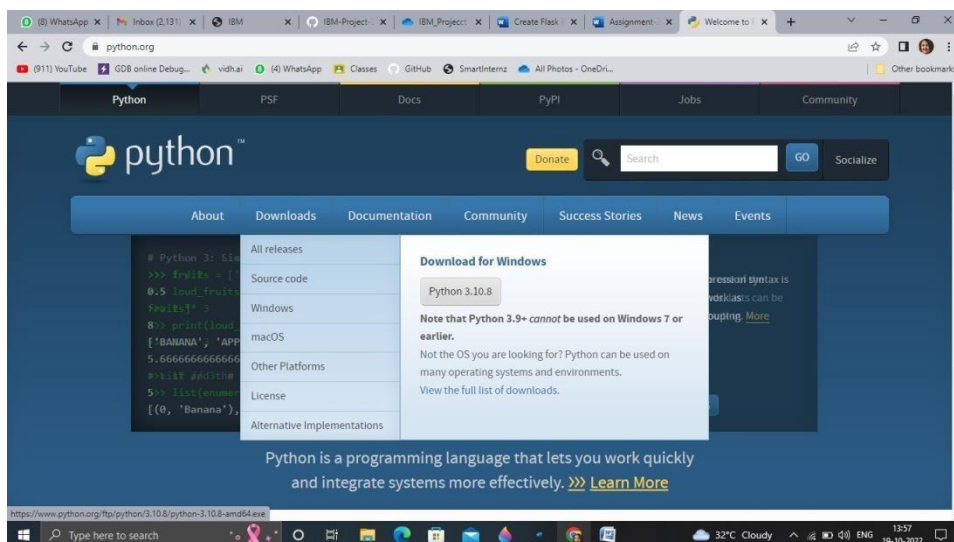
## SETTING UP APPLICATION ENVIRONMENT

### CREATE FLASK PROJECT

Six Steps have been followed to create Flask Project.

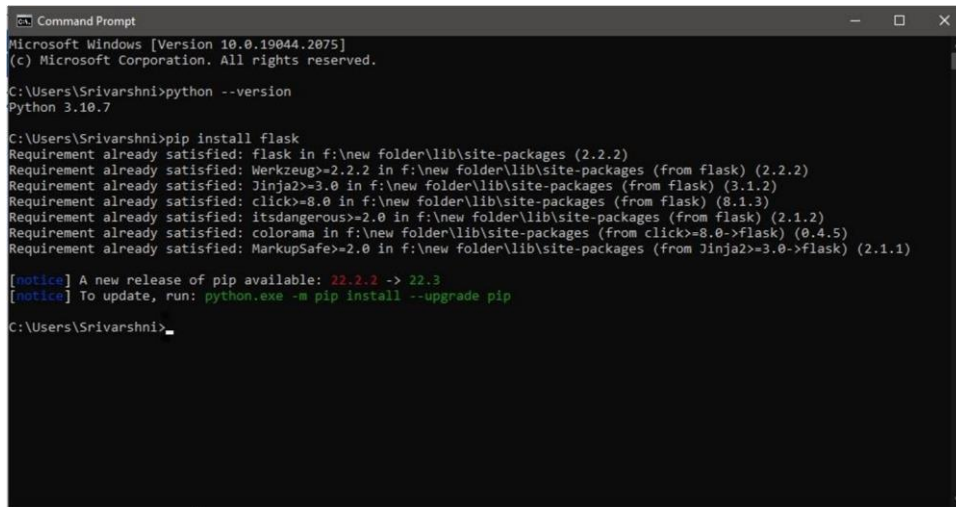
The Steps that we have followed have been described below

#### Step 1. Install Python latest version from python.org



**Step 2.** Download Anaconda from <https://www.anaconda.com/> and install it by running the .exe file

**Step 3.** Install Flask using command `pip install flask`



```
Microsoft Windows [Version 10.0.19044.2075]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Srivarshni>python --version
Python 3.10.7

C:\Users\Srivarshni>pip install flask
Requirement already satisfied: flask in f:\new folder\lib\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in f:\new folder\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in f:\new folder\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in f:\new folder\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: itsdangerous>=2.0 in f:\new folder\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: colorama in f:\new folder\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in f:\new folder\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

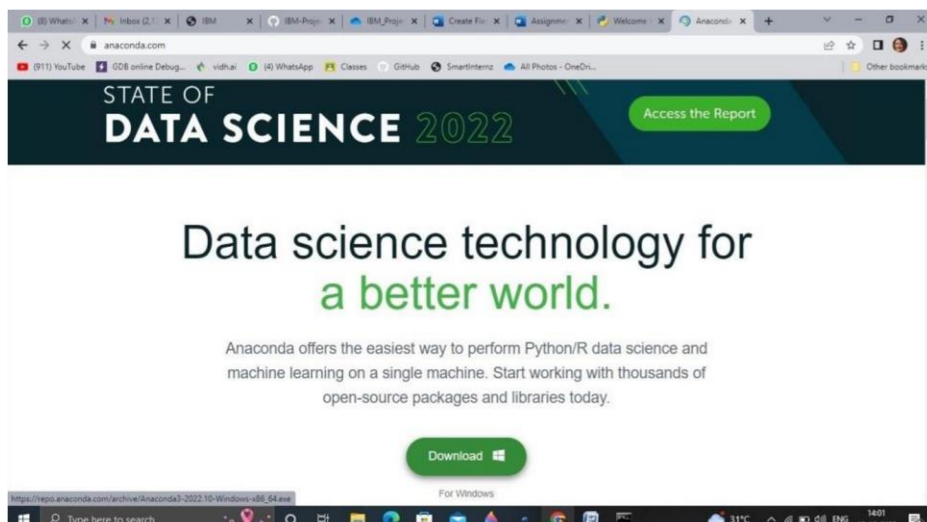
[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\Srivarshni>
```

**Step 4.** Open a new Python file and start coding

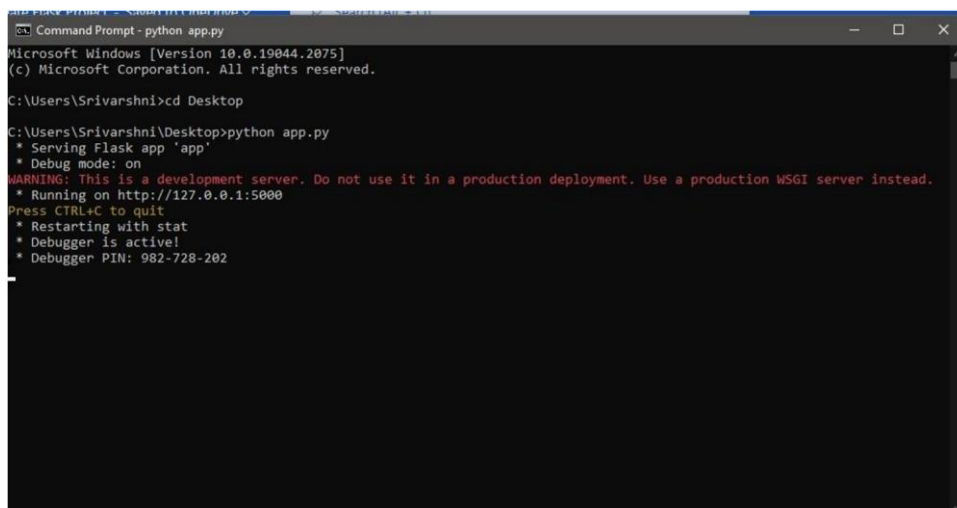
from flask import Flask

app = Flask(



```
name__)\n\n@app.route('/') def\n\nhello():\n\n    return "Hello World"\n\nif __name__ == '__main__':\n\n    app.run(debug=True)
```

**Step 5.** Run the Python file using command `python filename.py`

A screenshot of a Windows Command Prompt window titled "Command Prompt - python app.py". The window shows the execution of a Python script. The user navigates to the Desktop directory and runs the command "python app.py". The output shows the Flask application starting in debug mode, serving on http://127.0.0.1:5000. A warning message is displayed: "WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead." The prompt also shows the application is running on http://127.0.0.1:5000 and provides instructions to press CTRL+C to quit, restart with stat, and shows the debugger is active with a PIN of 982-728-202.

```
Command Prompt - python app.py\nMicrosoft Windows [Version 10.0.19044.2075]\n(c) Microsoft Corporation. All rights reserved.\n\nC:\\Users\\Srivarshni>cd Desktop\n\nC:\\Users\\Srivarshni\\Desktop>python app.py\n* Serving Flask app 'app'\n* Debug mode: on\nWARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.\n* Running on http://127.0.0.1:5000\nPress CTRL+C to quit\n* Restarting with stat\n* Debugger is active!\n* Debugger PIN: 982-728-202
```

**Step 6:** Open the Ip in browser

